

WHAT IS CLAIMED IS:

1. A coating apparatus comprising: a rotary drum in which particles to be treated is accommodated; and a spray nozzle unit placed in the rotary drum, wherein:

the rotary drum is rotated around an axis inclined with respect to a horizontal line, and has an opening at one end on an inclination upper side;

the spray nozzle unit is removably attached to a swing arm;

the swing arm is swingable around a swing pivot set outside of the rotary drum; and

owing to a swing operation of the swing arm, the spray nozzle unit is capable of being moved between an inside and an outside of the rotary drum.

2. A coating apparatus according to claim 1, further comprising a liquid tube holder for holding a liquid tube of a spray solution connected to the spray nozzle unit,

wherein the liquid tube holder is removably attached to the swing arm.

3. A coating apparatus according to claim 1 or 2, further comprising an air tube of compressed air to be connected to the spray nozzle unit,

wherein the air tube is inserted in the swing arm.

4. A coating apparatus according to any one of claims 1 to 3, further comprising a discharging mechanism for discharging particle products which have undergone coating treatment from an inside of the rotary drum,

wherein at least a partial surface of a discharging path of the particle products is formed of a surface with unevenness for improving a sliding property.